

## Marshall, Paul

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**From:** Desiree McCaslen <dmccaslen@sioux-city.org>  
**Sent:** Tuesday, April 11, 2017 2:15 PM  
**To:** Marshall, Paul  
**Subject:** Fwd: CHS continued pH concerns  
**Attachments:** CHS continued pH concerns

Assumed continued non-compliance at CHS.

*Desiree McCaslen*

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**From:** Desiree McCaslen  
**To:** Christopher Oehler; Justin Vondrak  
**Cc:** Dennis Reis; Eric Larson; Mark Jundt; Bill Minor; Jim Maynes; Mark Simms; [blivermore@southsiouxcity.org](mailto:blivermore@southsiouxcity.org)  
**Subject:** CHS continued pH concerns

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In reviewing sample data for the last two weeks it was brought to my attention that the sample collected from the composite sampler on 3/30/2017 had a pH of 4.8 and the sample for 4/7/2017 had a pH of 4.9.

While pH is to analyzed on a grab, we monitor composite samples for compliance purposes as well, as it is an indication of production fluctuations. If the composite is above or below permit limit then it is assumed that there was a significant event that caused the composite to be out of range and we normally ask for or perform additional analysis to identify the issue.

This is concerning. I have copied Mr. Livermore on this as they are the oversight for situations of this nature as we move forward.

Thanks.

*Desiree McCaslen*

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